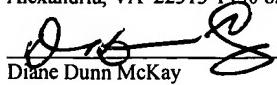


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Docket No.: 4555-119 US

The undersigned certifies that this communication is being deposited with the United States Postal Service as prepaid first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on May 17, 2004.

  
Diane Dunn McKay

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	:
HAPPER et al.	:
Serial No.: 10/799,105	: Group Art Unit: TBD
Filed: March 12, 2004	: Examiner: TBD
Title METHOD AND SYSTEM FOR OPERATING AN ATOMIC CLOCK WITH SIMULTANEOUS LOCKING OF FIELD AND FREQUENCY	: x

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, Applicant hereby brings to the attention of the United States Patent and Trademark Office the following documents of which Applicant has been made aware. The documents are listed on the attached PTO Form 1449. Copies of the documents are enclosed.

Applicant submits that this Information Disclosure Statement is submitted prior to a first action on the merits.

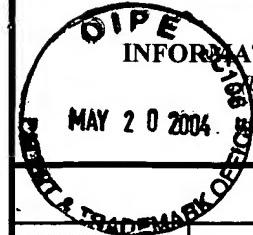
It is requested that the references be considered by the Examiner and be made of record as part of the available prior art under 37 C.F.R. § 1.104.

Respectfully submitted,



Diane Dunn McKay  
Reg. No. 34,586  
Attorney for Applicant

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**INFORMATION DISCLOSURE CITATION**  
*(Use several sheets if necessary)*

*(Use several sheets if necessary)*

MAY 20 2004

**Docket Number (Optional)**

4555-119 US

**Application Number**

10/799,105

**Applicant(s)**

HAPPER ET AL.

**Filing Date**

March 12, 2004

Group Art Unit

TBD

## **U.S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

**OTHER DOCUMENTS** (*Including Author, Title, Date, Pertinent Pages, Etc.*)

Bell, W et al., "Optical Detection of Magnetic Resonance in Alkali Metal Vapor", Physical Review, Vol. 107, No. 6, September 15, 1957, pp 1559-1565

**EXAMINER**

**DATE CONSIDERED**

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.